

[Web Images](#) [Videos](#) [Maps](#) [News](#) [Shopping](#) [Gmail](#) [more ▼](#)
[Sign in](#)

Google scholar

verifying rules UML models

Search

[Advanced Scholar Search](#)[Scholar Preferences](#)

Scholar

Articles and patents

anytime

include citations

Results 1 - 10 of about 17,900. (0.22 sec)

**Rule-based specification of behavioral consistency based on the UML meta-model**

G Engels, R Heckel, J Küster - «UML» 2001—The Unified Modeling Language. ... - Springer  
 ... ization of the problem), the **model** elements of interest, and the conceptual **rules** which describe ...  
 should provide both a language for specifying constraints and analysis techniques for **verifying**  
 them. ... semantic domain is not supposed to provide a semantics of the **UML** in general. ...

[Cited by 107](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)
**[PDF] Extending OCL for verifying UML models consistency**[psu.edu](#) [PDF]

JP Bodeveix, T Millan, C Percebois, C Le Camus, P ... - Model Engineering, ... - Citeseer  
 ... Page 85. 2.4 Some inter-diagram coherence **rules** An **UML model** consists of several  
 views described using different types of diagrams. **Verifying** the coherence of the **model**  
 is supposed to address the problem of inter-diagram verification. ...

[Cited by 20](#) - [Related articles](#) - [All 4 versions](#)
**[CITATION] Impact analysis and change management of UML models**[psu.edu](#) [PDF]

LC Briand, Y Labiche, L O'sullivan - Software Maintenance, 2003. ICSM 2003. ..., 2003

[Cited by 94](#) - [Related articles](#) - [All 10 versions](#)
**Using description logic to maintain consistency between UML models**[umh.ac.be](#) [PDF]

R Van Der Straeten, T Mens, J Simmonds ... - UML 2003-the ..., 2003 - books.google.com  
 ... 4. J.-P. Bodeveix, T. Millan, C. Percebois, CL Camus, P. Bazes, and L. Ferraud. Extending OCL  
 for **verifying UML model** consistency. ... 8. G. Engels, R. Heckel, and JM Kiister. **Rule-based**  
 specification of behavioral consistency based on the **UML meta-model**. ...

[Cited by 97](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)
**Towards automatic translation of UML models into semantic domains**

R Heckel, J Küster, G Taentzer - Proc. of APPLIGRAPH Workshop on ..., 2002 - Citeseer

... management when rst choosing a suitable semantic domain, provide a partial mapping into this  
 domain, and specify as well as **verify** consistency constraints formulated in that domain. Annotated  
 meta **model rules** can be used to translate elements of **UML models** into the ...

[Cited by 62](#) - [Related articles](#) - [Cached](#) - [All 3 versions](#)

[\[PDF\] Rule-based detection of inconsistency in UML models](#)

[psu.edu \[PDF\]](#)

WQ Liu, S Easterbrook, J Mylopoulos - ... on Consistency Problems in UML ..., 2002 - Citeseer  
 ... Page 13. 13 Xlinkit uses an XML-based [4] first-order logic **rule** language in defining consistency **rules** and **verifying** consistency of XML documents, in particular, **UML** design **models** represented in XML [22] format. The **rule** language ...

[Cited by 33](#) - [Related articles](#) - [View as HTML](#) - [All 12 versions](#)

[A general framework for formalizing UML with formal languages](#)

WE McUmber, BHC Cheng - ... of the 23rd international conference on ..., 2001 - portal.acm.org  
 ... Consequently, methods for modeling and developing embedded systems and rigorously **verifying** behavior before ... Consistency and completeness of the **rules** are addressed by basing the diagram ... estab- lished between the metamodels of the semi-formal (source), **UML** and the ...

[Cited by 134](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

[\[PDF\] Tool support for verifying UML activity diagrams](#)

[psu.edu \[PDF\]](#)

R Eshuis, R Wieringa - IEEE Transactions on Software Engineering, 2004 - Citeseer  
 Page 1. Tool Support for **Verifying UML** Activity Diagrams Rik Eshuis and Roel Wieringa ... We define requirement-preserving **rules** for state space reduction. ... Activity diagrams are part of **UML**, the de facto industry standard for modeling software designs. ...

[Cited by 52](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 18 versions](#)

[Model-driven architecture](#)

[colostate.edu \[PDF\]](#)

S Mellor, K Scott, A Uhl, D Weise - Advances in Object-Oriented ..., 2002 - Springer  
 ... However, this implementation isn't necessarily required as long as one can **verify** any manually conducted mapping against the specification ... a **UML model** of a Java application to a corresponding Java source code **model** would have **rules** such as "A **UML** classifier maps to ...

[Cited by 308](#) - [Related articles](#) - [Library Search](#) - [BL Direct](#) - [All 9 versions](#)

[The UML as a formal modeling notation](#)

[psu.edu \[PDF\]](#)

A Evans, R France, K Lano, B Rumpe - The Unified Modeling Language. «UML»' ... - Springer  
 ... The semantic **model** is to be used as the basis for a set of diagrammatical transformation **rules**, which enable formal deductions to be made about **UML** diagrams. A small example shows how these **rules** can be used to **verify** whether one class diagram is a valid deduction of ...

[Cited by 113](#) - [Related articles](#) - [BL Direct](#) - [All 36 versions](#)



Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

verifying rules UML models

Search

[Go to Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2010 Google